

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
2 June 2005 (02.06.2005)

PCT

(10) International Publication Number
WO 2005/049769 A1

(51) International Patent Classification⁷: C10J 3/84,
3/48, 3/52, 3/56, 3/54

Isaac, Cornelis [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). SCHILDER, Johannes, Gerardus, Maria [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL).

(21) International Application Number:
PCT/EP2004/012257

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 29 October 2004 (29.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
03104040.5 31 October 2003 (31.10.2003) EP

(71) Applicant (for all designated States except US): SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).

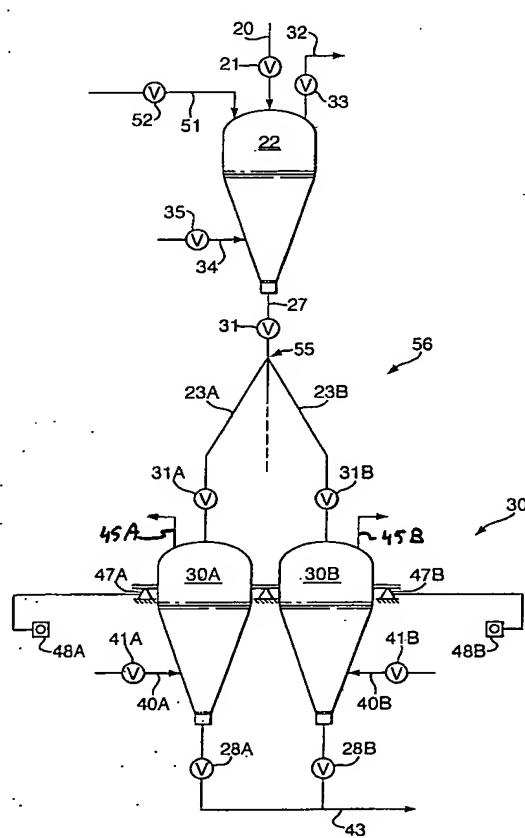
(72) Inventors; and

(75) Inventors/Applicants (for US only): VAN DEN BORN,

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR STRIPPING TOXIGAS FROM A POWDER



(57) Abstract: A system and method for removal of a toxic gas from a powder contaminated with the toxic gas. The system comprises: - a source (22,15,7,9) of the contaminated powder; - a stripper assembly (36) for stripping at least part of the toxic gas from a batch load of the contaminated powder; - connecting means (56) for fluidly connecting the source with the stripper assembly for transporting the contaminated powder from the source to the stripper assembly; wherein the stripper assembly comprises two or more stripper vessels (30A,30B), and the connecting means (56) is arranged to selectively connect the source to one or more of the stripper vessels.

WO 2005/049769 A1



European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*